



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 7

Test Date: March 2009
Code: 10111163
SAU: Bangor School Department
School: James F. Doughty School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

<i>Topic</i>	<i>Page</i>
Summary of Scores	2
Summary of Student Participation	3
English Language Arts – Reading Results	4-6
Mathematics Results	7-9

SUMMARY OF SCORES

Test Date: March 2009

Grade: 7

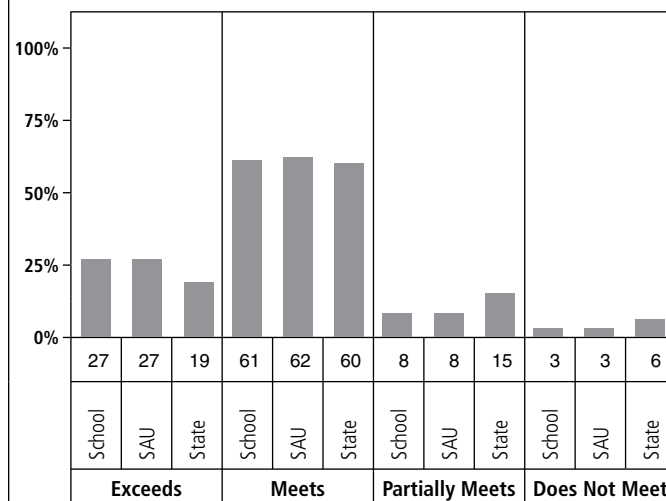
SAU: Bangor School Department

School: James F. Doughty School

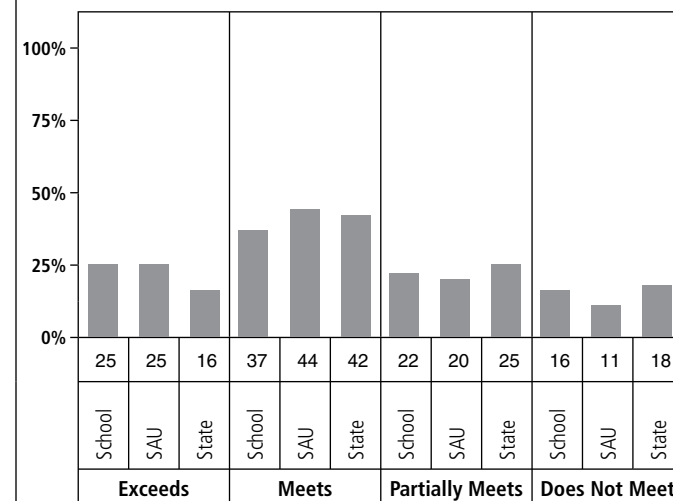
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	753	755	748
2007–2008	753	756	750
2008–2009	755	755	751
Cum. Avg.*	754	755	750
Mathematics			
2006–2007	745	748	742
2007–2008	746	750	743
2008–2009	749	750	745
Cum. Avg.*	747	749	743

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 7
SAU: Bangor School Department
School: James F. Doughty School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
	School		SAU		State		ELA-Reading						Mathematics						School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	158	100	292	100	14446	100	156	99	285	99	14316	99	157	99	287	99	14322	99						
Ethnicity African American/Black	5	3	14	5	432	3	4	80	13	93	416	97	5	100	14	100	421	98						
American Indian or Native Alaskan	4	3	5	2	124	1	4	100	5	100	121	98	4	100	5	100	122	99						
Asian or Pacific Islander	5	3	13	4	260	2	5	100	12	92	255	98	5	100	13	100	259	100						
Hispanic	2	1	4	1	147	1	2	100	3	100	144	99	2	100	3	100	144	99						
Caucasian/White	142	90	256	88	13483	93	141	99	252	99	13380	99	141	99	252	99	13376	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	22	14	36	12	2428	17	22	100	33	100	2391	99	22	100	33	100	2391	99						
Current LEP	2	1	6	2	334	2	1	50	4	67	318	95	2	100	6	100	328	98						
Economically disadvantaged	87	55	133	46	5498	38	85	98	128	98	5431	99	86	99	130	99	5436	99						
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	131	83	248	85	11742	81	130	82	247	85	11754	81						
Identified disability (PET/IEP)	1	1	3	1	367	3	1	1	3	1	365	3						
LEP	0	0	1	0	168	1	0	0	1	0	169	1						
504 plan	9	7	19	8	183	2	9	7	19	8	187	2						
Participation with accommodations	22	14	30	10	2367	16	24	15	33	11	2366	16						
Identified disability (PET/IEP)	18	82	23	77	1819	77	18	75	23	70	1824	77						
LEP	1	5	3	10	143	6	2	8	5	15	154	7						
504 plan	3	14	4	13	84	4	3	13	4	12	80	3						
Other	0	0	0	0	358	15	1	4	1	3	346	15						
Participation through alternate assessment (PAAP)	3	2	7	2	205	1	3	2	7	2	202	1						
Identified disability (PET/IEP)	3	100	7	100	205	100	3	100	7	100	202	100						
LEP	0	0	0	0	5	2	0	0	0	0	5	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	2	0												
Approved non-participation – special consideration	0	0	3	1	33	0	0	0	3	1	32	0						
Non-participation – other	2	1	4	1	97	1	1	1	2	1	92	1						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 7
SAU: Bangor School Department
School: James F. Doughty School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 762–780)	2006-2007	29	26	77	32	2630	18
	2007-2008	36	27	81	32	2604	18
	2008-2009	42	27	76	27	2618	19
	Cum. Total*	107	27	234	30	7852	18
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 742–760)	2006-2007	57	50	119	50	7605	51
	2007-2008	72	55	139	55	8049	55
	2008-2009	94	61	173	62	8484	60
	Cum. Total*	223	56	431	56	24138	56
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 730–740)	2006-2007	20	18	33	14	3000	20
	2007-2008	18	14	25	10	2672	18
	2008-2009	12	8	22	8	2108	15
	Cum. Total*	50	13	80	10	7780	18
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 700–728)	2006-2007	7	6	11	5	1620	11
	2007-2008	6	5	7	3	1190	8
	2008-2009	5	3	7	3	899	6
	Cum. Total*	18	5	25	3	3709	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	37.3	66.6	37.4	66.8	34.4	61.4
A1/A2 Interconnected Elements/Literary Text	20	36	12.9	64.5	12.7	63.5	11.8	59.0
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	24.4	67.8	24.6	68.3	22.6	62.8

The MEA assesses students’ reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 7
 SAU: Bangor School Department
 School: James F. Doughty School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	153	42	27	94	61	12	8	5	3	755	278	27	62	8	3	755	14109	19	60	15	6	751
Ethnicity																						
African American/Black	4										13	31	62	8	0	758	409	11	49	22	18	744
American Indian or Native Alaskan	3										4					117	12	53	19	16		746
Asian or Pacific Islander	5	1	20	3	60	0	0	1	20	750	12	25	50	8	17	751	253	24	59	11	6	753
Hispanic	2										3					142	14	56	17	13		747
Caucasian/White	139	38	27	85	61	12	9	4	3	755	246	28	62	8	2	756	13188	19	61	15	6	751
Not Reported	0										0					0						
Identified disability																						
Yes	19	3	16	9	47	2	11	5	26	744	26	12	42	23	23	743	2186	2	36	35	27	737
No	134	39	29	85	63	10	7	0	0	757	252	29	64	6	0	757	11923	22	65	11	3	754
Current LEP																						
Yes	1										4						311	4	41	29	26	739
No	152	42	28	93	61	12	8	5	3	755	274	28	62	8	2	756	13798	19	61	15	6	751
Economically disadvantaged																						
Yes	82	12	15	57	70	10	12	3	4	752	122	13	70	14	2	752	5300	8	58	22	11	746
No	71	30	42	37	52	2	3	2	3	759	156	38	56	3	3	759	8809	25	61	10	4	754
Migrant																						
Yes	0										0						8	13	50	38	0	747
No	153	42	27	94	61	12	8	5	3	755	278	27	62	8	3	755	14101	19	60	15	6	751
Gender																						
Female	78	22	28	47	60	6	8	3	4	755	136	35	57	6	2	758	6993	24	61	11	4	754
Male	75	20	27	47	63	6	8	2	3	755	142	20	68	10	3	753	7116	14	60	18	8	749
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	23	1	4	17	74	4	17	1	4	746	23	4	74	17	4	746	1025	10	53	27	11	745
No	130	41	32	77	59	8	6	4	3	757	255	29	61	7	2	756	13084	19	61	14	6	752
Gifted/talented program																						
Yes	16	12	75	4	25	0	0	0	0	770	33	79	21	0	0	769	676	66	33	1	0	766
No	137	30	22	90	66	12	9	5	4	754	245	20	68	9	3	754	13433	16	61	16	7	750

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 7

SAU: Bangor School Department

School: James F. Doughty School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	7	1	9	8	73	1	9	1	9	749	5	7	79	7	7	749	7	8	48	25	19	743
B. less than one hour	58	24	28	55	63	7	8	1	1	756	55	25	63	10	1	755	52	17	62	15	6	751
C. one to two hours	34	17	33	30	58	4	8	1	2	758	37	32	62	4	2	758	37	23	61	12	4	753
D. more than two hours	1	0	0	1	100	0	0	0	0	750	2	50	33	17	0	757	4	19	53	18	10	750
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	32	23	47	19	39	4	8	3	6	759	33	45	47	5	3	759	30	33	56	7	4	756
B. good	53	18	23	58	73	4	5	0	0	756	50	22	73	5	0	756	49	16	64	14	5	751
C. fair	14	1	5	16	76	4	19	0	0	750	15	10	63	22	5	749	19	5	59	26	10	745
D. poor	1	0	0	1	100	0	0	0	0	744	1	25	50	25	0	746	3	3	45	32	21	740
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	47	21	30	42	61	5	7	1	1	757	45	29	65	5	1	758	33	24	62	10	3	754
B. They match some of what I have learned.	42	15	24	41	66	5	8	1	2	755	44	25	63	9	3	754	52	18	62	15	5	751
C. They match just a little of what I have learned.	11	5	31	9	56	1	6	1	6	755	10	27	62	8	4	755	11	11	54	23	13	746
D. There is no match.	1	0	0	1	100	0	0	0	0	748	1	25	25	50	0	746	3	6	38	29	27	739
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	14	3	14	17	81	1	5	0	0	754	13	14	74	9	3	752	17	16	55	18	12	748
B. about the same as my regular schoolwork	61	24	26	58	63	8	9	2	2	755	62	26	64	8	2	756	65	19	62	14	5	752
C. easier than my regular schoolwork	25	14	38	19	51	3	8	1	3	759	25	37	54	7	1	758	17	22	60	13	5	752
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	6	1	11	5	56	3	33	0	0	746	5	8	46	38	8	743	9	4	44	27	24	740
B. Most of the passages were about the same as what I normally read.	58	15	17	64	74	6	7	2	2	754	58	16	74	8	2	754	54	14	63	17	5	750
C. Most of the passages were easier than what I normally read.	36	25	46	25	46	3	6	1	2	760	37	47	48	4	1	760	38	28	60	9	3	756
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	65	27	28	60	62	7	7	3	3	756	57	27	62	8	3	756	44	19	60	15	6	751
B. I tried about the same as I do on my regular schoolwork.	33	12	24	32	65	5	10	0	0	754	42	25	66	9	0	755	51	19	62	13	5	752
C. I did not try as hard on this test as I do on my regular schoolwork.	2	2	67	1	33	0	0	0	0	765	2	80	20	0	0	767	5	9	51	26	15	744
How much time do you spend reading at home each day?																						
A. more than one hour	26	14	36	22	56	3	8	0	0	757	21	39	56	5	0	758	21	27	57	11	5	755
B. 20 minutes to an hour	44	20	30	42	63	5	7	0	0	758	46	29	64	6	1	757	45	22	62	12	4	753
C. less than 20 minutes	11	5	31	10	63	1	6	0	0	758	12	26	65	9	0	757	13	13	61	17	8	749
D. I rarely read at home.	19	3	10	20	69	3	10	3	10	749	20	14	64	14	7	750	21	7	59	24	11	746
Optional school/SAU question																						
A.	0										7	14	71	14	0	755						
B.	0										36	26	71	3	0	757						
C.	0										44	42	51	7	0	759						
D.	100	0	0	0	0	1	100	0	0	740	13	0	77	23	0	747						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 7
SAU: Bangor School Department
School: James F. Doughty School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 762–780)	2006-2007	27	24	68	28	2142	14
	2007-2008	24	18	66	26	2028	14
	2008-2009	38	25	69	25	2220	16
	Cum. Total*	89	22	203	26	6390	15
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 742–760)	2006-2007	36	32	85	35	5642	38
	2007-2008	53	40	112	44	5703	39
	2008-2009	57	37	123	44	5879	42
	Cum. Total*	146	37	320	41	17224	40
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 728–740)	2006-2007	28	25	50	21	4077	27
	2007-2008	36	27	47	19	3733	26
	2008-2009	34	22	57	20	3537	25
	Cum. Total*	98	25	154	20	11347	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 700–726)	2006-2007	22	19	37	15	3001	20
	2007-2008	19	14	28	11	3054	21
	2008-2009	25	16	31	11	2484	18
	Cum. Total*	66	17	96	12	8539	20

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	32.4	57.9	33.6	60.0	29.9	53.4
A. Number	14	25	7.8	55.7	8.2	58.6	7.7	55.0
B. Data	16	29	8.7	54.4	9.3	58.1	8.1	50.6
C. Geometry	12	21	7.1	59.2	7.4	61.7	6.9	57.5
D. Algebra	14	25	8.7	62.1	8.8	62.9	7.3	52.1

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009

Grade: 7

SAU: Bangor School Department

School: James F. Doughty School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	154	38	25	57	37	34	22	25	16	749	280	25	44	20	11	750	14120	16	42	25	18	745
Ethnicity																						
African American/Black	5	2	40	1	20	1	20	1	20	748	14	21	36	21	21	743	416	5	26	28	41	733
American Indian or Native Alaskan	4										5	0	80	0	20	745	119	8	30	31	30	737
Asian or Pacific Islander	5	1	20	2	40	1	20	1	20	746	13	23	62	8	8	754	258	25	43	19	13	750
Hispanic	2										3						142	8	39	23	30	739
Caucasian/White	138	35	25	49	36	32	23	22	16	749	245	26	42	22	11	751	13185	16	42	25	17	745
Not Reported	0										0						0					
Identified disability																						
Yes	19	2	11	6	32	3	16	8	42	736	26	8	35	19	38	736	2189	2	17	27	53	728
No	135	36	27	51	38	31	23	17	13	750	254	26	45	20	8	752	11931	18	46	25	11	748
Current LEP																						
Yes	2										6	0	83	0	17	745	323	4	20	28	48	729
No	152	38	25	56	37	34	22	24	16	749	274	25	43	21	11	751	13797	16	42	25	17	745
Economically disadvantaged																						
Yes	83	11	13	32	39	22	27	18	22	744	124	12	44	27	18	744	5308	7	35	30	28	738
No	71	27	38	25	35	12	17	7	10	754	156	35	44	15	6	755	8812	21	46	22	11	749
Migrant																						
Yes	0										0						8	0	50	38	13	742
No	154	38	25	57	37	34	22	25	16	749	280	25	44	20	11	750	14112	16	42	25	18	745
Gender																						
Female	77	19	25	29	38	16	21	13	17	748	136	27	42	20	11	751	6992	16	43	25	16	745
Male	77	19	25	28	36	18	23	12	16	749	144	22	46	21	11	750	7128	15	41	25	19	744
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	23	0	0	2	9	11	48	10	43	731	23	0	9	48	43	731	1024	7	26	36	31	736
No	131	38	29	55	42	23	18	15	11	752	257	27	47	18	8	752	13096	16	43	24	17	745
Gifted/talented program																						
Yes	16	16	100	0	0	0	0	0	0	776	33	94	6	0	0	775	676	68	29	2	0	767
No	138	22	16	57	41	34	25	25	18	745	247	15	49	23	13	747	13444	13	42	26	18	744

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NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 7

SAU: Bangor School Department

School: James F. Doughty School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	7	1	9	3	27	3	27	4	36	736	5	7	36	29	29	738	7	6	30	28	36	735
B. less than one hour	58	22	24	33	37	20	22	15	17	748	56	25	43	19	12	751	52	16	42	25	17	745
C. one to two hours	34	15	29	20	38	11	21	6	12	751	37	26	45	21	8	752	37	18	44	24	14	747
D. more than two hours	1	0	0	1	100	0	0	0	0	752	2	17	67	17	0	755	4	15	38	24	22	743
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	36	23	42	21	38	4	7	7	13	756	30	45	40	5	11	757	26	35	43	12	9	754
B. good	38	12	21	25	43	13	22	8	14	748	47	22	53	18	7	752	46	13	48	25	15	745
C. fair	22	2	6	8	24	15	45	8	24	738	20	4	30	46	20	739	23	3	32	37	27	737
D. poor	4	1	17	2	33	1	17	2	33	741	3	13	38	25	25	741	5	1	22	37	40	731
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	36	18	32	21	38	7	13	10	18	752	36	32	45	12	11	754	26	23	43	20	13	749
B. They match some of what I have learned.	49	19	25	28	37	21	28	8	11	749	50	23	45	24	9	750	53	15	45	26	15	746
C. They match just a little of what I have learned.	14	1	5	8	38	6	29	6	29	738	13	11	38	32	19	743	17	9	35	32	24	740
D. There is no match.	1	0	0	0	0	0	0	1	100	726	0	0	0	0	100	726	4	7	21	22	51	730
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	30	2	4	15	33	13	28	16	35	736	30	8	39	30	23	740	37	8	40	29	23	740
B. about the same as my regular schoolwork	50	15	19	37	48	17	22	8	10	749	50	20	53	19	8	751	51	16	44	25	15	746
C. easier than my regular schoolwork	20	21	68	5	16	4	13	1	3	766	21	59	29	10	2	764	12	41	35	13	11	755
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	58	23	26	29	32	25	28	13	14	748	55	25	40	24	10	750	48	14	42	27	17	744
B. I tried about the same as I do on my regular schoolwork.	40	14	23	28	45	8	13	12	19	749	43	21	51	16	13	750	47	18	43	23	16	746
C. I did not try as hard on this test as I do on my regular schoolwork.	1	1	50	0	0	1	50	0	0	756	2	83	0	17	0	768	5	14	27	25	34	738
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	12	4	21	8	42	3	16	4	21	747	13	22	51	14	14	749	8	8	30	29	33	737
B. 30–45 minutes	29	11	25	13	30	10	23	10	23	745	47	23	46	20	10	750	38	13	40	27	20	743
C. 45–60 minutes	48	18	24	30	41	17	23	9	12	750	33	27	40	22	12	751	42	20	45	23	12	748
D. more than 60 minutes	11	5	29	6	35	4	24	2	12	753	6	28	33	28	11	752	12	16	42	25	17	745
How often do you use calculators in mathematics class?																						
A. almost every day	23	25	69	2	6	4	11	5	14	760	19	60	13	12	15	758	15	19	38	25	19	745
B. two or three days a week	38	4	7	30	51	15	25	10	17	745	38	12	57	20	11	748	31	18	42	24	16	746
C. two or three times a month	26	6	15	19	48	10	25	5	13	747	30	24	48	21	7	751	26	17	43	24	17	746
D. never or almost never	12	3	16	6	32	5	26	5	26	742	13	14	39	33	14	744	28	11	42	27	19	743
How often do you use laptops in mathematics class?																						
A. almost every day	7	3	27	5	45	3	27	0	0	753	5	23	54	23	0	751	10	12	39	24	24	741
B. two or three days a week	18	4	14	13	46	7	25	4	14	745	17	10	52	25	13	746	22	13	43	26	18	744
C. two or three times each month	43	17	26	30	45	11	17	8	12	752	46	27	49	16	8	753	33	18	44	25	13	747
D. never or almost never	32	14	29	9	18	13	27	13	27	745	32	29	30	24	17	749	35	16	40	25	19	744
Optional school/SAU question																						
A.	0										7	14	57	29	0	750						
B.	0										36	31	49	14	6	756						
C.	0										44	35	49	12	5	756						
D.	100	0	0	0	0	0	0	1	100	722	13	0	62	15	23	740						

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